



Hydrogels based on Molecular Self-assembly Combined Studies of Structure and Rheology

ISSP International Workshop, Tokyo, Japan 10-14. Nov, 2014 Polymer Network Group & Research Group of Polymer Gels - Gel-Symposium 2014

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ISSP International Workshop

Polymer Networks Group Meeting & Gel Symposium 2014 (Nov. 10-14)

Ito International Research Center, Tokyo, Japan



Conference Scope

This conference is the joint symposium of the 22nd Polymer Networks Group Meeting (PNG) and the 10th international gel symposium (GelSympo) sponsored by Institute for Solid State Physics, The University of Tokyo. Scientific topics of this meeting will include all areas of polymer networks and gels, with special emphasis on

- Polymer network (Rubber, thermoset, gel, biomaterial, food)
- Chemistry (novel gel, novel crosslinking, characterization)
- Physical chemistry (sol-gel transition, gelation/vitrification, volume phase transition)
- Physics (theory and/or simulation of elasticity, gelation, etc.)
- Engineering (Responsive gel, bio-application, biomimetics, food science)

New materials (Liquid crystal gel, ion gel)

More than 20 excellent scientists will be invited from Asia, Europe, and America to the symposium. Besides, contributed oral and poster presentation will be programmed.

Plenary Lecturers

Aida, Takuzo (University of Tokyo, Japan)
Chung, Ungil (University of Tokyo, Japan)
Harada, Akira (Osaka University)
Khokhlov, Alexei (Moscow State University, Russia)
Leibler, Ludwik (ESPCI, France)
Lindman, Björn (Lund University, Sweden)
Mortensen, Kell (University of Copenhagen)
Muthukumar, Murugappan (University of Massachusetts Amherst, USA)

Keynote Lectures (confirmed)

Balazs, Anna (University of Pittsburgh, USA)
Ballauff, Matthias (Helmholtz-Zentrum Berlin, Germany)
Bowman, Christopher (Colorado University, USA)
Creton, Costantino (ESPCI, France)
Douglas, Jack (NIST, USA)
Dreiss, Cecile (King's College London, UK)
Gupta, Bhuvanesh (Indian Institute of Technology, India)
Ha, Chang-Sik (Pusan National University, Korea)
Horkay, Ferenc (NIH, USA)
Malmström-Jonsson, Eva (KTH, Royal Institute of Technology, Sweden)
Patrickios, Costas (University of Cyprus, Cyprus)
Richtering, Walter (RWTH Aachen University, Germany)
Rubinstein, Michael (North Carolina University, USA)
Scherman, Oren (University of Cambridge, UK)
Wu, Chi (Chinese University of Hong Kong, Hong Kong)

New !

Announcement of 1st PNG Young Investigator Award

Sponsored by Sumitomo Bakelite Co., Ltd.
Deadline for submission of abstract and other documents:
May 31, 2014.

Necessary for consideration:
Age limit of 40, and conference attendance.
More details on <http://www.polymernetworksgroup.org/>

Committees

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Matsumoto, Akira (Tokyo Med. Dent. Univ.; RGPG-SPSJ)
Abo, Mariko (Univ. Tokyo; Treasurer)



Important Date

Registration (early): Mar. 1 - July 31, 2014

Abstract Submission: Jan. 1 - May 31, 2014

Chairman: Shibayama, Mitsuhiro
The University of Tokyo
Chairman, Polymer Network Group

Co-chair: Annaka, Masahiko
Kyusyu University
Chairman, Research Group on Polymer Gels,
The Society of Polymer Science, Japan

Registration Fee

Regular: 50,000 Yen (early bird), 60,000 Yen (regular)
Student: 20,000 Yen (early bird), 25,000 Yen (regular)
(includes welcome reception, coffee break, conference book)
Banquet fee: 8,000 Yen (regular), 4,000 Yen (student)